

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) An electrode for use with an electrochemical cell having a liquid electrolyte, the electrode comprising:

(3), ~~containing~~ channels (2) ~~in which an~~ that are capable of holding the liquid electrolyte ~~liquid may flow~~.
2. (Currently Amended) The electrode ~~according to~~ of claim 1, ~~which contains~~ further comprising a coated film (5), the coating (2) containing that defines the channels.
3. (Currently Amended) The electrode of claim 1 ~~according to claims 1 or 2~~, wherein the channels (2) ~~are implemented in the form of~~ comprise grooves on a the surface of the electrode (1).
4. (Currently Amended) The electrode of claim 1 ~~according to one of claims 1 through 3~~, wherein the channels (2) are embossed into the electrode (1).
5. (Currently Amended) The electrode of claim 1 ~~according to one of claims 1 through 3~~, further comprising:

[[~~-~~]] ~~which contains a coated film on a surface of the electrode; (5) and~~

[[~~-~~]] wherein the channels comprise regions of the electrode that are not covered by the film (2) ~~are formed by uncoated partial regions of the film (5).~~

6. (Currently Amended) The electrode of claim 1 ~~according to one of claims 1 through 5~~, wherein at least one of the channels (2) ~~have~~ has a width (b) between 0.1 mm and 1mm.

7. (Currently Amended) The electrode of claim 1 ~~according to one of claims 1 through 6~~, wherein at least one of the channels (2) ~~have~~ has a depth (t) between 10 μm and 200 μm.

8. (Currently Amended) The electrode of claim 1 ~~according to one of claims 1 to 7, which~~ wherein the electrode extends along a longitudinal direction and wherein the channels (2) run transversely to the longitudinal direction.

9. (Currently Amended) The electrode of claim 1 ~~according to one of claims 1 to 8~~, wherein the channels (2) ~~run essentially along equidistant~~ comprise substantially straight lines that are substantially parallel to one another and that have substantially same lengths.

10. (Currently Amended) The electrode of claim 1 according to one of claims 1 to 7, which wherein the electrode extends along a longitudinal direction and wherein the channels (2) run ~~diagonally~~ substantially diagonal to the longitudinal direction.

11. (Currently Amended) The electrode of claim 1 according to one of claims 1 through 8, wherein the channels are curved and substantially parallel to one another (2) ~~run along curved lines which are offset parallel to one another.~~

12. (Currently Amended) The electrode of claim 1 according to one of claims 1 through 7 or 10, wherein at least two of the channels (2) intersect ~~one another.~~

13. (Currently Amended) The electrode of claim 1 according to one of claims 1 through 12, which contains wherein the electrode comprises a metal film coated with carbon powder.

14. (Currently Amended) An electrode roll comprising: [[,]]
~~wherein~~ multiple layers of electrodes (11, 12) ~~according to one of claims 1 through 13~~ are positioned one on top of another;
wherein at least one of the multiple layers comprises channels that are capable of holding liquid electrolyte.

15. (Currently Amended) The electrode roll ~~according to~~ of claim 14, wherein
the multiple layers of electrodes comprise two electrodes (11, 12) ~~according to one of~~
~~claims 1 through 13 are~~ wound together up.

16. (Currently Amended) An electrochemical cell comprising:
~~having~~ a liquid electrolyte; and (3), ~~containing a roll (8) according to one of~~
~~claims 14 or 15~~
multiple layers of electrodes positioned one on top of another;
wherein at least one of the multiple layers comprises channels that hold the liquid
electrolyte.

17. (Currently Amended) A method ~~for~~ of manufacturing ~~an~~ the electrode of
claim 1, comprising:
coating the electrode with a film;
calendaring the electrode coated with the film at a temperature that exceeds a
predefined temperature; and
embossing the electrode following calendaring to form the channels
~~according to one of claims 1 through 13, wherein the coated and not yet~~
~~embossed electrode is calendered at a high temperature.~~

18. (Currently Amended) The method ~~according to~~ of claim 17, wherein ~~the~~

~~calendering of the electrode is integrated into the~~ is part of a winding process for
manufacturing an electrode roll using the electrode.

19. (Currently Amended) A method ~~for~~ of manufacturing ~~an~~ the electrode of
claim 1, comprising: according to one of claims 1 through 13,
embossing the electrode;
coating at least part of the electrode with activated carbon; and
calendereing the electrode.

20. (Currently Amended) A method ~~for~~ of manufacturing ~~an~~ the electrode of
claim 1 according to one of claims 1 through 13, comprising:
~~wherein an electrode is provided by uniformly~~ coating an unembossed metal film
with an activated carbon[[],]; and
forming the channels (2) ~~are attached into~~ in the activated carbon ~~layer of the~~
~~electrode while simultaneously suctioning off the scratched off~~ coating.

21. (Currently Amended) The method ~~according to~~ of claim 20, wherein ~~the~~
~~channels (2) are scratched with the aid of~~ forming comprises etching the channels in the
activated carbon using a swinging tip.

22. (Currently Amended) A method ~~for~~ of manufacturing ~~an~~ the electrode of

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claim 1 according to one of claims 1 through 13, comprising:

~~wherein~~ covering regions of an unembossed metal film designated for the
channels while ~~intended for producing channels (2) are covered cyclically during the~~
coating of the unembossed metal film with activated carbon, ~~through which uncoated~~
~~regions of the electrode arise and thus form the channels (2).~~